

STUCCO WALL MAGIC

PROTECTIVE CEMENTITIOUS MASONRY COATING

PRODUCT DESCRIPTION: Speccrete® Stucco Wall Magic is a Portland cement based damp proof coating designed to fill and level interior or exterior concrete and masonry surfaces. Stucco Wall Magic produces a textured, breathable, protective and decorative finish. Stucco Wall Magic may be applied from 1/16 inch (1.6 mm) to ½ inch (1.3 cm). Standard colors include gray or white and custom colors are available on request.

BENEFITS: MAY BE APPLIED UP TO ½ INCH IN ONE APPLICATION WITHOUT CRACKING...PROVIDES A DECORATIVE DAMP PROOF FINISH.

COMPOSITION: Portland cement selected graded aggregates, plasticizers and waterproofing additives.

WORKING & PERFORMANCE PROPERTIES @ 70° F (21° C) (APPROXIMATE):	
Yield per 50 lb. Bag:	0.50 cubic feet
Coverage per 50 lb. Bag:	45-50 square feet at 1/8 inch thickness
Initial Set per ASTM C-403:	2.5 hours
Final Set per ASTM C-403:	4.5 hours

TECHNICAL DATA:

Compressive Strength per ASTM C-109	Results:
7 days:	2310 p.s.i. (28.4 Mpa)
28 days:	3540 p.s.i. (43.5 Mpa)
Flexural Strength per ASTM C-348	Results:
7 days:	425 p.s.i. (5.2 Mpa)
28 days:	775 p.s.i. (9.5 Mpa)
Tensile Strength per ASTM C-190	Results:
7 days:	275 p.s.i. (3.8 Mpa)
28 days:	345 p.s.i. (4.2 Mpa)

Scaling resistance per ASTM C-672:	Visual rating = 1 (25 cycles)
Freeze-thaw Durability Factor per ASTM C-666:	97.92 (300 cycles)
Chloride Content per ASTM D-144	<0.001%
Fungus Growth per Fed test 141, Method 6271-1	Resistant
Water Absorption per ASTM C-67 –24 hour soak	5.1%

All tests above run at 15 % water to powder ratio (7.5 lbs. water / 50.0 lbs. Stucco Wall Magic)

DIRECTIONS:

SUBSTRATE PREPARATION: All areas to be coated shall be sound, clean and free of dirt, dust, form release agents, paint and all contaminants. Prior to the application of Stucco Wall Magic, pre-wet the surface to be coated maintaining surface saturated dry.

MIXING: Mix small quantities in a clean container with a hand trowel. Use a slow speed motor and paddle mixer or rotary mixer with rubber tip blades for mixing larger quantities up to 100 lbs. (45.36 kg.). Add Stucco Wall Magic slowly to the mixing water and mix thoroughly to a creamy "frosting like" consistency. Allow the material to slake (fatten) for ten minutes, then re-mix. If necessary, use additional water to adjust the mixture to the proper consistency. Do not mix more material than can be used in 45 minutes. Refer to Application Type section below for proper water addition recommendation.

APPLICATION TYPE:

Spray / Brush / Primer Applications: One 50 lb. (22.68 kg.) bag of Stucco Wall Magic will require approximately 17.5% (1.03 to 1.06 gallon) (3.89 to 4.00 liters) mixing water. A thin mix is preferred. Spray applications are ideal for large areas where it is not necessary to level the wall. Apply Stucco Wall Magic immediately after mixing. Start with a light spray to the substrate and re-spray before the base coat has lost its sheen. Use overlapping, circular spray patterns for best results and uniformity. Do not exceed 3/8 inch (1 cm) for each lift. Let initial coat cure for a minimum of 5 days before the finish coat is applied to avoid potential shadowing of substrate joints. Apply with a plaster's hopper head spray texture gun. The use of high pressure spray or airless spray equipment is not recommended. In hot or dry weather, water mist the applied coating for the first twenty-four hours. Clean mixing and application equipment water immediately after use.

Trowel Applications: One 50 lb. (22.68 kg.) bag of Stucco Wall Magic will require approximately 15.25% (0.90 to 0.93 gallon) (3.40 to 3.51 liters) mixing water. A thick mix is preferred. Use a trowel application to hide various surface textures or to obtain a more even surface. Apply an initial coat by trowel in an upward motion and after initial set, lightly trowel to a uniform texture using a sponge rubber float. Do not exceed 3/8 inch (1 cm) for each lift. Let initial coat cure for a minimum of 5 days before the finish coat is applied to avoid potential shadowing of substrate joints. Stucco Wall Magic can be then be troweled, floated or patterned with a comb, brush or sponge to the desired end texture.

CAUTIONS: Do not apply below 40° F (4.4° C). Do not apply during freezing weather or to frozen or frost filled substrates. Do not apply over 90° F (32.2° C). Do not apply within 24 hours of any expected rain. Hot, dry and windy conditions will accelerate the setting and finishing times. Contains cement and silica sands, avoid inhalation of dust. Wear gloves and eye protection during mixing and placement of the material. Refer to M.S.D.S. (Material Safety Data Sheet) sheet for additional safety information. FOR INDUSTRIAL USE ONLY. KEEP AWAY FROM CHILDREN.

NPCS HMIS SAFETY INFORMATION: HEALTH = 2, FLAMMABILITY = 0, REACTIVITY = 0, PERSONAL PROTECTION = E

PACKAGING: 50 lb. (22.68 kg.) bag

STORAGE: 40° to 90° F (4.4° to 32.2° C)

SHELF LIFE: 1 year properly stored

FREIGHT CLASS: Item #42130, Sub 0, LTL 50

LIMITED WARRANTY: This product is warranted to be of merchantable quality when used according to the instruction herein. It is not warranted to be suitable for any purpose or use other than the general purpose for which it is intended. Liability under this warranty is limited to the replacement of the product as purchased, if found to be defective upon inspection by the manufacturer. This limited warranty is issued and accepted in lieu of all other expressed warranties and explicitly excludes liability for consequential damages. Buyer assumes all risk and liability resulting from the use of this product.

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